



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
PO040866	ACI001-VC	4	1	Net 30	M303B1.000X1.000	M303B1.000 X 1.000 : MATERIAL: AISI 303 S3 BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft				24	9/14/2018	24		S113505	Stock	9/25/2018	\$ 39.10 / ft	0		\$938.40	Acier Ouellette Inc.
		6			MT-H13-R0.625	AISI H13 Tool Steel Round Bar : MATERIAL: AISI H13 TOOL STEEL ROUND BAR AISI H13				12		6		S113506	Stock	9/25/2018	\$ 6.95 / ft	0		\$41.70	Acier Ouellette Inc.
										<b>Total:</b>		<b>36</b>								<b>\$756.75</b>	

Plex 9/25/2018 1:47 PM dart.Tollis.Andrew



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO040866**

**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO040866

**PO Date:** 8/28/18

**Due Date:** 8/31/18

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pynt Terms:** Net 30

**Freight Terms:**

**Special Comments:** QUOTE NO. SOU0128627, SOU0128223

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**E-MAILED**  
AUG 29 2018

## **Items**

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		MT-HRS-P-0.750		Hot Rolled Steel Plate 0.750" (44W) : MATERIAL: HOT ROLLED STEEL SHEET ASTM A36 OR ASTM A1011 OR 44W OR ASTM A1018	Firmed	-	8/31/18	32 sf	0 sf	32 sf	\$17.43625/sf	\$557.96
<b>Line Item Note:</b> cutting price included in pricing of sheet.												
2		M6061T6R0.750		6061-T6 Round Bar .750" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	8/31/18	60 ft	0 ft	60 ft	\$1.95/ft	\$117.00
4								60ft			At 18/09/17	
3		M6061T6R5.000		6061-T6 Round Bar 5.000" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	8/31/18	6 ft	0 ft	6 ft	\$97.21666/ft	\$583.30
1A								6ft			At 18/09/17	

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M303B1.000X1.000		M303B1.000 X 1.000 : MATERIAL: AISI 303 SS BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	24 ft	0 ft	24 ft	\$39.10/ft	\$938.40
5		M303R0.625		303 Round Bar 0.625" : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	12 ft	0 ft	12 ft	\$6.236666/ft	\$74.84
6		MT-H13-R0.625		AISI H13 Tool Steel Round Bar : MATERIAL: AISI H13 TOOL STEEL ROUND BAR AISI H13	Firmed	-	8/31/18	12 ft	0 ft	12 ft	\$6.95/ft	\$83.40
7		M304R1.000		304 Round Bar 1.00 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/31/18	24 ft	0 ft	24 ft	\$12.654583/ft	\$303.71
8		MT-O1-B-0.375X0.500		Tool Steel Bar 0.375" X 0.500"	Firmed	-	9/6/18	6 ft	0 ft	6 ft	\$26.65/ft	\$159.90
9		MT-O1-R0.375		Tool Steel Round Bar 0.375 dia.	Firmed	-	9/6/18	6 ft	0 ft	6 ft	\$6.65/ft	\$39.90
Grand Total:											\$2,858.41	

## Order Notes

## Procurement Quality Clauses

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable)  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Plex 8/28/18 3:20 PM dart.lavoie.chantal



ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy

CO00107252

Billed to

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att : LUSSIER Tél.: (613) 632-5200 X 730

Instruction F-M

Delivery Route 5

Customer N° CLI0001056  
Date 2018/08/30  
Delivery date 2018/09/19  
Your order N° po040866  
Processed by Denis Quenneville  
Salesman BONNIE FRASER  
Carrier OUELLETTE VALLEYFIELD  
Credit Terme Net 30 Days

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 SQUARE SS 1 SS303 NS CSS-1303 9512 2 X AC19280-SM-2018/09/10 Heat 67730112 AT	81.60	24.00	PI_\$CLB		2x12.5"					
2 ROUND TOOL STEEL 5/8 H13 NS RH13-58 11876 1 X AC19282-VA-2018/09/05 Heat 829392 AT	6.26	6.00	PI		1x6"					

Total Weight (Lbs) : 87.86 NIR : R-109516-6

Conditions :  
All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :

Delivered By :

Time

18/09/25

Date

Customer's Signature

PIC

107252

Dart

19280 N

<b>BOLLINGHAUS<sup>®</sup></b> <b>STEEL</b> Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458		Abnahmeprüfung/Mill Test Certificate/Certif. de Qualidade		No.: / Nr.: / Nr.:											
		EN 10204:2004 / 3.1		0000139699											
Unsere Innere Verweisung / Our Int. Ref / ref Int		Datum / Date / Data													
5600039589 000010		12.03.2018													
Spezifikation / Standards / Normas TYPE 303/UNS S30300 acc. to ASTM A582/A582M-12e1, ASTM A314-15, ASTM A320/A320M-15a, ASTM F899-12b, ASTM A370-17, ASME SA320/SA320M, ASME SA370, TYPE 1 acc. to AMS 5640V, ASTM A484/A484M-16, Sulphur 0.28-0.30 %, ASME specifications version 2015 Section II Part A.															
Kunde / Customer / Cliente			Endgültiger Kunde / Final Customer / Cliente Final												
Roda Specialty Steel, Inc. 200 Lexington Drive 60089 Buffalo Grove, IL			Roda Specialty Steel, Inc. 178 Ridge Rd., Unit C 08810 Dayton, NJ												
Bestell Nr./Order Nr./Enc.Nr. 451152			Bestell Nr./Order Nr./Enc.Nr. 451152.1												
Produktgruppe / Product Group / Grupo Produto		Gewicht / Weight / Peso		Bunde / Bundle / Azados											
AISI 303 CD SQ 1"		10.043 lb		09											
Werkstoff-Nr. Material-no. Qualidade 1.4305		Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 8 CrNiS 18-9													
Beschreibung / Description / Descrição Stainless steel cold drawn square bars US DFAR 252.225-7009, MELT SOURCE: France / MFG: Portugal.															
Schmelz-Nr. Cast nr. / Ponto nr.		Chemische Analyse in % / Chemical composition in % / Análise química em %													
67730112		C	0.049	Si	0.450	Mn	1.877	P	0.030	S	0.297	Cr	17.101	Ni	8.265
EAF+AOD		Mo	0.459	Co	0.133	Cu	0.472	N	0.026	Ti	0.002	-	-	-	-
Proben Nr. Test no. Amostra no.	ASTM E399		ASTM A370												
	Kerbschlagarbeit Impact Test Resiliência		Streckgrenze Yield point Tensão limite		Dehngrenze 1% point Limite de extensão		Zugfestigkeit Tensile strength Tensão de ruptura		Dehnung Elongation Alongamento		Einschnürung Reduction of area Coef. Estricção				
	[Charpy V]		Rp 0.2 %		Rp 1.0%		Rm		A5		4D		Z		
	[J]		[KJ]		[KJ]		[KJ]		[%]		[%]		[%]		
3089080.01.01		-		78		84		108		40.3		42.5		50.1	
Visuelle Kontrolle Visual inspection Inspeção visual		<input checked="" type="checkbox"/> Ok		ASTM E10 Härte Hardness Dureza 221 [HB]		Korrosionsbeständigkeit IC Test Corrosão in vitro/stalina		Wärmebehandlung Heat treatment Tratamento térmico		Annealed Quenched 1900 °F (1050 °C)		(water quenched)			
ASTM A484 Maßkontrolle Dimensional inspection Inspeção dimensional		<input checked="" type="checkbox"/> Ok		ASTM E112 Korngröße Grain size Tamanho de grão 9		Abnahmebeauftragter Authorized inspection Representative Inspector de Qualidade									
Verwechslungsprüfung Test of identity Teste de identificação		<input checked="" type="checkbox"/> Ok		Mikroskopische Untersuchung Micrographic test		Vasco Ferreira (Q - VF)									
				Material free from segregation defects. <input checked="" type="checkbox"/> OK											
Bemerkungen / Remarks / Observações Country of origin: Portugal. No weld repair done. Material is free of mercury and radiation contamination.						Bollinghaus Steel, SA Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according to the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.									

3.SPG03-10.0



# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS BAR  
(NOTE: AISI 304/316 NOT ACCEPTABLE)

ASTM A582

SPECIFICATION:

PART NUMBER: M303B1.TTT | X | WWW.WWW  
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES  
AND "WWW.WWW" = WIDTH IN INCHES

EG. 0.5" x 3.0" BAR = M303B0.500X03.000

RELEASED  
R 2010-02-02  
NRP

B	REFORMAT DWG. ADD SPECS (ZN D8 1).	CP	10 01 05
A	NEW ISSUE	DS	02 05 29
REV	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.01.05		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M303B			
TITLE 303 BAR			
REV. B SHEET 1 OF 1			
SCALE MTS			
COPYRIGHT © 2002 BY DART AEROSPACE LTD			

## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M303BL000x1.000  
 DATE: 18/09/25

PO / BATCH NO.: P0040866/5113505

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 24ft  
 QUANTITY INSPECTED: 24ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.000"  
 THICKNESS RECEIVED: 1.000"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y <input type="radio"/> N	ASTM A502
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N <input type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	67730112
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N <input type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N <input type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/09/25</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

107252

Dart

TRA-3309

HC17607

## CERTIFICATE OF COMPLIANCE / CERTIFICAT DE CONFORMITÉ

Order No. / No. Commande <b>AC00019607</b>	CUSTOMER / CLIENT <b>LES ACIERS OUELLETTE INC</b>	Packing slip / No. d'expédition <b>L51411-01</b>	DATE <b>17-09-18</b>
MATERIAL ID# / No. MATÉRIEL <b>2013-2594</b>	GRADE / NUANCE <b>H-13</b>	HEAT TREATMENT / TRAITEMENT THERMIQUE <b>ANNEALED / RECUIT ADOUCI</b>	HEAT / COULÉE <b>B29392</b>
PAYS D'ORIGINE <b>UKRAINE</b>			
SHAPE / FORME <b>Round / Rond</b>	SIZE / DIMENSION <b>.6250" in.</b>	SPECIFICATIONS <b>ASTM A681</b>	

## CHEMICAL COMPOSITION / ANALYSE CHIMIQUE

Carbon (C)		Silicon (Si)		Manganese (Mn)		Phosphorus (P)	
mini/maxi	0.320 0.450	0.800 1.250		0.200 0.600		0.030	
actuel (%):	<b>0.380</b>	<b>0.990</b>		<b>0.370</b>		<b>0.024</b>	
Sulfur (S)		Chromium (Cr)		Nickel (Ni)		Molybdenum (Mo)	
mini/maxi	0.030	4.750 5.500		— —		1.100 1.750	
actuel (%):	<b>0.003</b>	<b>4.990</b>		<b>0.160</b>		<b>1.300</b>	
Copper (Cu)		Vanadium (V)		Aluminium (Al)		Tungsten (W)	
mini/maxi	—	0.800 1.200		— —		— —	
actuel (%):	<b>0.100</b>	<b>0.970</b>		<b>0.025</b>		<b>0.000</b>	

## MECHANICAL PROPERTIES / PROPRIÉTÉS MÉCANIQUES

Yield strength / Élasticité	Tensile / résistance à la traction	Elongation / allongement (%)	Reduction of area / surface (%)	surface hd/dureté
PSI	PSI		0.0%	207 BHN

No weld repairs performed during the manufacturing of this product. We hereby certify that the above results have been verified and conform to the above mentioned specifications.

Aucune réparation exécutée par soudure durant la fabrication de ce produit. Par la présente nous attestons que les résultats ci-haut mentionnés ont été vérifiés et sont conformes aux spécifications.

Keith BALL


11876



AISI H13

PART NUMBER:

MT-H13-R [D.DDD]  
WHERE "D.DDD" = DIAMETER IN INCHES  
EG. 5/8" ROUND BAR = MT-H13-R0.625

		Headquarters, Ontario, Canada	
<h1 style="text-align: center;">AISI H13 TOOL STEEL ROUND BAR</h1>			
<h2 style="text-align: center;">MT-H13-R</h2>		PART NO. <b>A</b>	
DESIGN # <b>SAC 2009/02017</b>	XXX 2 008	FUNCTIONS 1 10	
DATE <b>06/02/2017</b>	XXX 2 1	ANGLES 5 10	
MFG APPR <b>MM 0821/2017</b>	XXX 2 1	SURFACES 3 10	
CHECKED <b>MM 0821/2017</b>	XXX 2 1	FINISHES 3 10	
DATE <b>07/11/2017</b>	XXX 2 1	1. UNLESS OTHERWISE SPECIFIED	
QA APPR <b>DP 07/11/2017</b>	XXX 2 1	2. ALL DIMENSIONS ARE TO A PER	
APPROVED <b>DC MM 10/05/2017</b>	XXX 2 1	3. COMPROMISED LIMITS APPLY	
DATE <b>20/05/2017</b>	XXX 2 1	4. ALL DIMENSIONS ARE TO A PER	
SCALE <b>NTS</b>	XXX 2 1	WEIGHT <b>N/A</b>	
SHEET <b>1 OF 1</b>	XXX 2 1	XXX 2 1	
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## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-H13-R0.625  
 DATE: 18/09/25

PO / BATCH NO.: P0040866/S113506

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 6ft  
 QUANTITY INSPECTED: 6ft  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.625"  
 THICKNESS RECEIVED: 0.625"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y (N)	
CORRECT FINISH	(Y) N	
CORROSION	Y (N)	
CORRECT GRAIN DIRECTION	(Y) N	
CORRECT MATERIAL PER M-DRAWING	(Y) N	H-13
CORRECT THICKNESS	(Y) N	
PHOTO REQUIRED	Y (N)	
CORRECT REF # TO LINK CERT	(Y) N	H: B.29392
CORRECT MATERIAL IDENTIFICATION	(Y) N	
CORRECT M# ON THE MATERIAL	(Y) N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y (N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y (N)	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u> DATE: <u>18/09/25</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in